

FEATURES AND BENEFITS

HPU Standard Power Units

BRELX Storm Brakes are spring set, hydraulically released equipment. Hydraulic pressure is provided by HPU power unit.

Compact Internal Power Unit is designed to operate spring set Rail Clamps and is installed under same enclosure with a mechanism.

MOST IMPORTANT FEATURES – Internal Power Unit

- Hydraulic system does not require continuous pump operation
- All valves and/or solenoid coils are easily accessible to be replaced without disassembly of other mechanical or electrical hydraulic power unit components
- Two way on-off poppet valve with high flow capacity & "zero-leakage"
- Normally open solenoid valve with manual over-ride and DIN connector (LED indication optional)
- Flow Control Valve to provide adjustable clamp set time up to 30 seconds
- CSA, UL approved, NEMA 4X Stainless Steel Junction Box
- Powder coated Seamless Hydraulic Tank
- Temp-Level Switch for temperature and low oil level signal
- Pressure Switch for motor / pump control
- Relief valve pressure is set at app. 125% above operating pressure
- All hydraulic fittings with zinc plated coating for corrosion protection (Stainless Steel option available)
- CSA, UL approved components

Remote External Power Unit is designed to operate all spring set Storm Brakes and is mounted in proximity to the brake.

MOST IMPORTANT FEATURES – External Power Unit

- Fully contained in a robust Stainless Steel enclosure with quality door locks
- Oil Catch Basin c/w manual valve drain within the enclosure
- Hydraulic system does not require continuous pump operation
- All valves and/or solenoid coils are easily accessible to be replaced without disassembly of other mechanical or electrical hydraulic power unit components
- Two way on-off poppet valve with high flow capacity & "zero-leakage"
- Normally open solenoid valve with manual override function and DIN connector
- Flow Control Valve to provide adjustable clamp set time up to 30 seconds
- CSA, UL approved, NEMA 4X Stainless Steel Junction Box
- Noncorrosive Seamless powder coated Hydraulic Tank
- Temp-Level Switch for temperature and low oil level signal
- Pressure Switch for motor / pump control
- Relief valve pressure is set at app. 125% above operating pressure
- All hydraulic fittings with zinc plated coating for (Stainless Steel option available)
- CSA, UL approved components